L Normbox	Hits	Search Text	DB	Time stamp
Number 1	0	align\$4 ADJ layer with (tilt\$3 ADJ bump)	USPAT; EPO; JPO	2001/08/02 08:38
2	0	align\$4 ADJ layer and (tilt\$3 ADJ bump)	USPAT; EPO; JPO	2001/08/02 08:35
3	257	align\$4 ADJ layer with (tilt\$3)	USPAT; EPO; JPO	2001/08/02 08:36
4	0	align\$4 with (tilt\$3 ADJ bump)	USPAT; EPO; JPO	2001/08/02 08:38
5	4	align\$4 and (tilt\$3 ADJ bump)	USPAT; EPO; JPO	2001/08/02 08:35
6	2	align\$4 ADJ layer with (tilt\$3) and bump	USPAT; EPO; JPO	2001/08/02 08:45
7	0	(tilt\$3 AD Llover with (tilt\$3 AD Lenger)	USPAT; EPO; JPO USPAT;	2001/08/02 08:38
8 9	0	align\$4 ADJ layer with (tilt\$3 ADJ spacer) align\$4 ADJ layer with (tilt\$3 ADJ	EPO; JPO USPAT;	2001/08/02 08:39 2001/08/02
10	0	projection) align\$4 ADJ layer with (tilt\$3 ADJ groov\$3)	EPO; JPO USPAT;	08:39 2001/08/02
11	0	align\$4 ADJ layer with (bump with tilt\$3)	EPO; JPO USPAT;	08:40 2001/08/02
12	0	align\$4 ADJ layer and (bump with tilt\$3)	EPO; JPO USPAT;	08:45 2001/08/02
13	272	bump with tilt\$3	EPO; JPO USPAT;	09:06 2001/08/02
14	1	display with (bump with tilt\$3)	EPO; JPO USPAT; EPO; JPO	08:46 2001/08/02 08:47
15	23	display and (bump with tilt\$3)	USPAT; EPO; JPO	2001/08/02 08:47
16	13	align\$4 ADJ layer with local	USPAT; EPO; JPO	2001/08/02 09:07
17	0	local\$2 ADJ homeotropic ADJ align\$4	USPAT; EPO; JPO	2001/08/02 09:28
18	5	homeotropic ADJ align\$4 with local	USPAT; EPO; JPO	2001/08/02 09:43
19 20	0	random ADJ STN random ADJ super ADJ twisted ADJ nematic	USPAT; EPO; JPO	2001/08/02 09:44 2001/08/02
21	0	super ADJ twisted ADJ nematic with	USPAT; EPO; JPO USPAT;	09:44 2001/08/02
22	188	random super ADJ twisted ADJ nematic and random	EPO; JPO USPAT;	09:45 2001/08/02
23	10	super ADJ twisted ADJ nematic and random	EPO; JPO USPAT;	09:45 2001/08/02
24	1	ADJ align\$4 hybrid ADJ aligned ADJ nematic and	EPO; JPO USPAT;	14:00 2001/08/02
27	0	random ADJ align\$4 bump with plastic with photoresist	EPO; JPO USPAT;	10:23 2001/08/02
28	51	bump with plastic and photoresist	EPO; JPO USPAT; EPO; JPO	12:10 2001/08/02 12:10

29	18	(bump with plastic and photoresist) and	USPAT;	2001/08/02
		height and shape	EPO; JPO	12:12
30	11	((bump with plastic and photoresist) and	USPAT;	2001/08/02
		height and shape) and align\$4	EPO; JPO	12:48
31	0	random ADJ photomask	USPAT;	2001/08/02
			EPO; JPO	12:15
32	50	random ADJ mask	USPAT;	2001/08/02
			EPO; JPO	12:19
33	1	mask with random ADJ opening	USPAT;	2001/08/02
			EPO; JPO	12:18
34	1295	mask with random	USPAT;	2001/08/02
			EPO; JPO	12:18
35	0	random ADJ opening ADJ mask	USPAT;	2001/08/02
			EPO; JPO	12:19
36	7	(random ADJ mask) and opening	USPAT;	2001/08/02
			EPO; JPO	12:41
37	1	bump ADJ structure with plastic	USPAT;	2001/08/02
			EPO; JPO	12:42
38	14009	plastic with (polyimide or polyamide)	USPAT;	2001/08/02
			EPO; JPO	12:49
39	337	(plastic with (polyimide or polyamide)) and	USPAT;	2001/08/02
		bump	EPO; JPO	12:51
40	4	bump with (plastic with (polyimide or	USPAT;	2001/08/02
		polyamide))	EPO; JPO	12:50
41	78	((plastic with (polyimide or polyamide)) and	USPAT;	2001/08/02
		bump) and photoresist	EPO; JPO	12:51
42	30	(((plastic with (polyimide or polyamide)) and	USPAT;	2001/08/02
		bump) and photoresist) and harden\$3	EPO; JPO	12:52
43	0	super ADJ twisted ADJ nematic with	USPAT;	2001/08/02
		homogeneous ADJ align\$4	EPO; JPO	14:01
44	0	super ADJ twisted ADJ nematic with planar	USPAT;	2001/08/02
		ADJ align\$4	EPO; JPO	14:01
45	38	super ADJ twisted ADJ nematic and	USPAT;	2001/08/02
	45005	homogeneous ADJ align\$4	EPO; JPO	14:01
-	15287	align\$4 with post	USPAT;	2001/08/01
	•		EPO; JPO	16:29
•	0	align\$4 with (random ADJ post)	USPAT;	2001/08/01
	4	aliant A with /wardow AD I howen	EPO; JPO	16:29
•	1	align\$4 with (random ADJ bump)	USPAT;	2001/08/01
_	2	alian\$4 with (human with random)	EPO; JPO	17:05
•	2	align\$4 with (bump with random)	USPAT;	2001/08/01
_	13	align\$4 ADJ layer with (bump or post)	EPO; JPO	16:31
-	13	angn 34 ADJ layer with (bump or post)	USPAT;	2001/08/02
_	0	align\$4 ADJ layer and (random ADJ bump)	EPO; JPO	08:31
•	U	anglist ADS layer and (random ADS bump)	USPAT;	2001/08/01
_	13	align\$4 ADJ layer with random	EPO; JPO	17:08
•	13	angnya Abu layer with fanuum	USPAT; EPO; JPO	2001/08/01
-	17	(random ADJ bump)	USPAT;	17:13 2001/08/01
	• • •	(aoin Abo bainp)	EPO; JPO	2001/08/01 17:07
•	0	align\$4 ADJ layer and (random\$6 ADJ bump)	USPAT;	2001/08/01
	•		EPO; JPO	17:17
	0	align\$4 ADJ layer and (random\$6 ADJ	USPAT;	2001/08/01
	-	groov\$3)	EPO; JPO	17:11
Saarah History	8/2/04	2:26:52 PM Page 2	, -· -	

•	•			
•	3	substrate and (random\$6 ADJ groov\$3)	USPAT; EPO; JPO	2001/08/01 17:15
	18	align\$4 ADJ layer with random\$6	USPAT;	2001/08/02
_	10	anguy Abb layer with randompo	EPO; JPO	12:09
_	3	substrate and (random\$6 ADJ projection)	USPAT;	2001/08/01
	J	substrate and (randompo Abo projection)	EPO; JPO	17:16
	0	align\$4 ADJ layer and (random\$6 ADJ	USPAT;	2001/08/01
	•	projection)	EPO; JPO	17:18
_	0		USPAT;	2001/08/01
	•	or pyramid or mound))	EPO; JPO	17:21
-	2		USPAT:	2001/08/01
	_	pyramid or mound))	EPO; JPO	17:20
•	0		USPAT;	2001/08/01
	_	feature)	EPO; JPO	17:22
	0	•	USPAT;	2001/08/01
		, , , , , , , , , , , , , , , , , , , ,	EPO; JPO	19:54
-	3	random\$6 ADJ align\$4 ADJ layer	USPAT;	2001/08/01
			EPO; JPO	17:25
-	93302	liquid ADJ crystal ADJ display	USPAT;	2001/08/01
			EPO; JPO	17:26
-	382	349/123	USPAT;	2001/08/01
			EPO; JPO	17:26
-	51	349/123 and random\$6	USPAT;	2001/08/01
			EPO; JPO	17:27
-	7	349/123 and random\$6 ADJ align\$4	USPAT;	2001/08/01
			EPO; JPO	17:30
-	0	349/123 and random\$6 ADJ bump	USPAT;	2001/08/01
			EPO; JPO	17:47
-	1	(liquid ADJ crystal ADJ display) and	USPAT;	2001/08/01
		random\$6 ADJ bump	EPO; JPO	17:31
-	1	(liquid ADJ crystal ADJ display) and	USPAT;	2001/08/01
		random\$6 ADJ (projection or groov\$3)	EPO; JPO	17:35
•	156	(liquid ADJ crystal ADJ display) and	USPAT;	2001/08/01
		random\$6 ADJ align\$4	EPO; JPO	17:53
-	28	((liquid ADJ crystal ADJ display) and	USPAT;	2001/08/02
	_	random\$6 ADJ align\$4) and homeotropic	EPO; JPO	09:27
-	0	align\$4 ADJ layer and (random\$6 ADJ step)	USPAT;	2001/08/01
	•	240/402	EPO; JPO	17:45
-	0	349/123 and random\$6 ADJ step	USPAT;	2001/08/01
	45	(liquid AD Lamatal AD Laliantas) and	EPO; JPO	17:47
•	15	(liquid ADJ crystal ADJ display) and	USPAT;	2001/08/01
	98	random\$6 ADJ step	EPO; JPO	17:54
•	30	hybrid ADJ align\$4	USPAT;	2001/08/01
	0	(hybrid ADJ align\$4) with random	EPO; JPO	18:06
-	· ·	(nybrid AD3 aligh\$4) with random	USPAT;	2001/08/01
	0	(hybrid ADJ align\$4) and random ADJ bump	EPO; JPO	18:06
	J	(And anglive) and landom And bump	USPAT; EPO; JPO	2001/08/01 18:07
	13	(hybrid ADJ align\$4) and random	USPAT;	2001/08/01
		() and the angle of and fandon	EPO; JPO	18:26
-	0	orientation with random\$6 ADJ bump	USPAT;	2001/08/01
	_		EPO; JPO	18:15
	0	(hybrid ADJ align\$4) with random	USPAT;	2001/08/01
			EPO; JPO	18:24

. •				
-	1	(hybrid ADJ align\$4) and (bump with	USPAT;	2001/08/01
		align\$4)	EPO; JPO	18:27
•	23	(liquid ADJ crystal ADJ display) with (hybrid	USPAT;	2001/08/01
		ADJ align\$4)	EPO; JPO	19:03
	0	(hybrid ADJ align\$4) with azimuthal ADJ	USPAT;	2001/08/01
		direction	EPO; JPO	19:06
•	0	homogeneous ADJ align\$4 with azimuthal	USPAT;	2001/08/01
		ADJ direction	EPO; JPO	19:09
	0	homogeneous ADJ align\$4 with azimuthal	USPAT;	2001/08/01
			EPO; JPO	19:08
	5	homogeneous ADJ align\$4 and azimuthal	USPAT;	2001/08/01
		ADJ direction	EPO; JPO	19:37
	2652	bump with align\$4	USPAT;	2001/08/01
			EPO; JPO	19:44
	5	(liquid ADJ crystal ADJ display) with (bump	USPAT;	2001/08/01
		with align\$4)	EPO; JPO	19:40
i	71	(liquid ADJ crystal ADJ display) and (bump	USPAT;	2001/08/01
		with align\$4)	EPO; JPO	19:40
	43	bump and align\$4 ADJ layer	USPAT;	2001/08/01
			EPO; JPO	19:46
	19	(liquid ADJ crystal ADJ display) and (bump	USPAT;	2001/08/01
		and align\$4 ADJ layer)	EPO; JPO	19:45
	312	groov\$3 and align\$4 ADJ layer	USPAT;	2001/08/01
			EPO; JPO	19:48
	63	(groov\$3 and align\$4 ADJ layer) and	USPAT;	2001/08/01
		random\$6	EPO; JPO	19:48
	0	random\$6 ADJ groov\$3 and align\$4 ADJ	USPAT;	2001/08/01
		layer	EPO; JPO	19:48
	31	((groov\$3 and align\$4 ADJ layer) and	USPAT;	2001/08/01
		random\$6) and (liquid ADJ crystal ADJ	EPO; JPO	19:48
		display)		
	5	align\$4 ADJ layer and (random\$6 ADJ	USPAT;	2001/08/01
		domain)	EPO; JPO	19:55